

(19)



Europäisches Patentamt

European Patent Office

Office européen des brevets



(11)

EP 0 913 115 A1

(12)

EUROPEAN PATENT APPLICATION

(43) Date of publication:

06.05.1999 Bulletin 1999/18

(51) Int. Cl.⁶: **A47K 3/00**

(21) Application number: 98830650.2

(22) Date of filing: 27.10.1998

(84) Designated Contracting States:

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE

Designated Extension States:

AL LT LV MK RO SI

(30) Priority: 28.10.1997 IT RM970655

(71) Applicants:

• Landi, Antonio
Ladispoli RM (IT)

• Sechi, Giuseppe

Monte Argentario (GR) (IT)

(72) Inventors:

• Landi, Antonio
Ladispoli RM (IT)

• Sechi, Giuseppe
Monte Argentario (GR) (IT)

(54) **Bath with a side access opening equipped with a watertight flap**

(57) To facilitate access, the bath is equipped either with a single door hinged horizontally or vertically, or a double door hinged horizontally, or a horizontally or vertically sliding door.

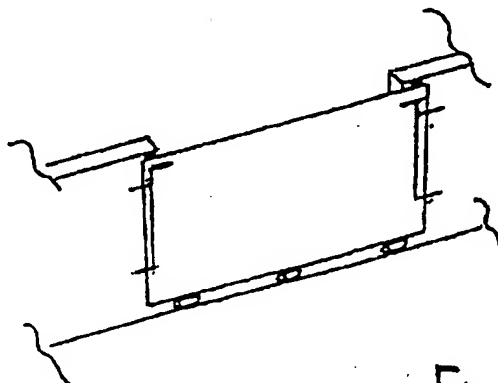


Fig. 4

EP 0 913 115 A1

Description

[0001] Description of the industrial invention which is called "bath with a side access opening equipped with a watertight flap" of Mr LANDI Antonio resident in via Duca degli Abruzzi, 115 Ladispoli (RM) ITALY and of Mr SECHI Giuseppe resident in via XX Settembre, 83 Monte Argentario (GR) ITALY. 5

[0002] The present invention has substantially modified the structure of a simple bath, giving opportunity to people with physical problems (handicap, obese and elderly people) to easily access the bath. 10

[0003] A prime characteristic of the invention consists of an access flap which has an opening of 180° max using appropriate hinges. 15

[0004] A second characteristic of the invention consists of a double shutter with a single handle to facilitate the closing of the flap of entrance.

[0005] A third characteristic of the invention is to have a gasket between the flap and the structure of the bath to keep it watertight. 20

[0006] The opening flap can be positioned in any one of the four sides of the bath depending on the necessity of the room where the bath is installed.

[0007] The bath can be equipped with a shower stall or reclining seat so that it can be used in double function (bath-shower) in practice the details of execution, the dimensions, the materials, the shape and similar of the bath can, however, be changed without changing the original invention or exiting the property of the present industrial monopoly. 25 30

[0008] The bath can therefore have either an opening of a door horizontally accessible by 180° or by 180° vertically or two horizontal opening doors of 180° or an horizontal side sliding door and last of all a vertically (break water) sliding door like the one in the enclosed designs. 35

Claims

1. Access door 40

2. Aperture hinged of 180°

3. Single handle with double shutter 45

4. Watertight gasket

5. Non slip base 50

6. Internal handgrip

55

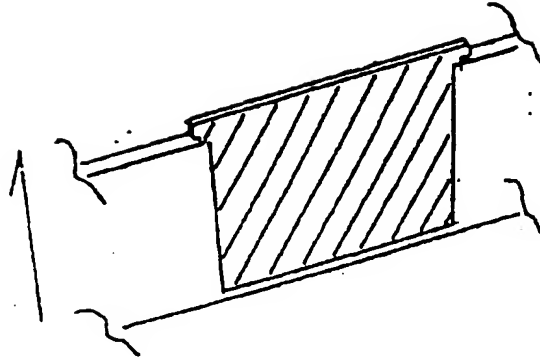


Fig. 1

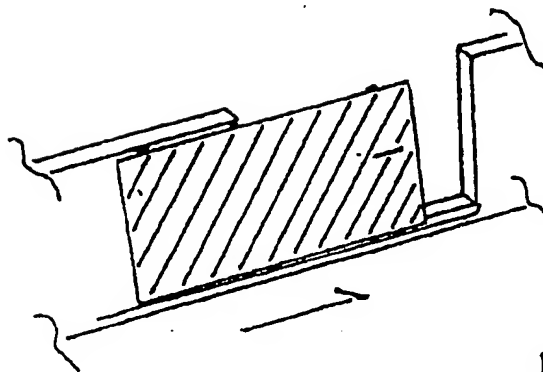


Fig. 2

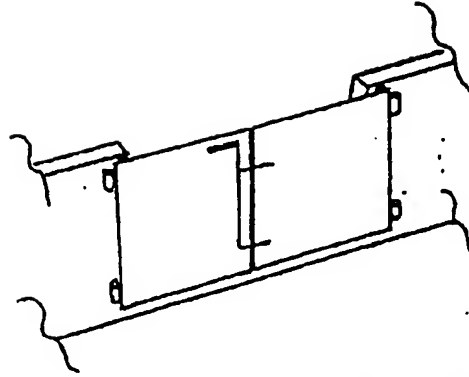


Fig. 3

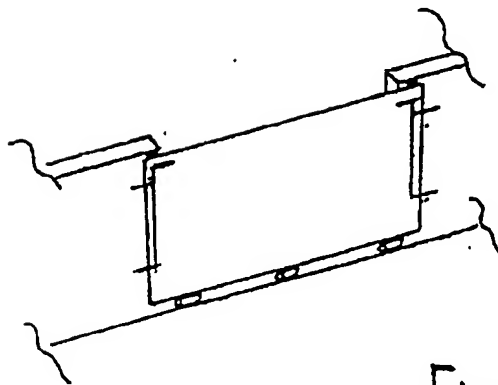


Fig. 4



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 98 83 0650

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	WO 81 02387 A (LEICHLÉ SA ;LECRIVAIN J (FR); SPACH G (FR); LEICHLÉ R (FR)) 3 September 1981	1,2,4	A47K3/00
A	* page 4, line 10 - line 30 * * page 8, line 21 - page 9, line 7; figures 1,3,5,14-17 *	3	
X	US 2 075 933 A (FRIEDHANDLER) 6 April 1937 * column 1, line 37 - column 2, line 25; figures *	1,2,5	
X	GB 1 213 358 A (PRESTON) 25 November 1970 * page 1, line 88 - page 2, line 76; figures *	1,4	
A	FR 2 487 185 A (AUBRY MICHEL) 29 January 1982 * page 10, line 1 - line 23; figures 1,2 *	5	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			A47K
Place of search	Date of completion of the search	Examiner	
THE HAGUE	2 February 1999	Porwoll, H	
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 98 83 0650

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

02-02-1999

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 8102387 A	03-09-1981	GB 2085721 A JP 56501831 T SE 444261 B	06-05-1982 17-12-1981 07-04-1986
US 2075933 A	06-04-1937	NONE	
GB 1213358 A	25-11-1970	NONE	
FR 2487185 A	29-01-1982	NONE	